

ZS 5745P/US

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## Abstract:

Zoom lens

(Figure 1)

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A zoom lens comprises in a direction of light propagation a front lens group (G1) having positive refractive power, a variator lens group (G2) having negative refractive power, a compensator lens group (G3) having positive refractive power, 10 and a base lens group (G4) having positive refractive power. The base lens group (G4) comprises a first base lens group (G4.1) and a second base lens group (G4.2). The front lens group (G1), the variator lens group (G2), the compensator lens group (G3) and the first base lens group (G4.1) are arranged 15 along a common straight first optical axis (23). The second base lens group (G4.2) is arranged along a second optical axis (23') inclined with respect to the first optical axis (23) at a first angle  $\alpha$  different from  $0^\circ$  and  $180^\circ$ . A beam deflector (18) is arranged between the first base lens group (G4.1) and 20 the second base lens group (G4.2).

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